

LAMBERT, V., ing.

Metrological conditions imposed on the flow measuring installations with pressure difference. Metrologia apl 10 no.8:366-371 Ag'63.

LAMBERT, V., ing.

Standard vessels for checking the bell installations used for controlling gas meters. Metrologia apl 11 no. 5:214-217 My '64.

LAMBERT, V., ing.

Trends in the development of self-bearing systems used in  
pressure and force measurements. Metrologia April 1977:497-501  
N. Y.

L 41500-50 EMP(w)/I/ENP(w)/BT1 JE  
ACC NR: AP6031542

SOURCE CODE: RU/0027/65/010/002/0287/0300

AUTHOR: Ratiu, Mircea; Lambert, Valentin

28

B

ORG: Metrology Institute, Timisoara (Institutul de metrologie)

TITLE: Considerations on the reproduction of the Brinell hardness scale

SOURCE: Studii si cercetari de metalurgie, v. 10, no. 2, 1965, 287-300

TOPIC TAGS: hardness, metrology

ABSTRACT: The authors report the construction at the Force and Hardness Section of the Timisoara Metrology Institute of a sample apparatus with direct loading and a completely automated testing cycle. The design of the device is described, and results on the Brinell hardness measurement of 115 samples are given; the results were checked with the Metrology and Merchandise Control Office of East Germany. An analysis of the differences between the German and Rumanian results shows the shortcomings of international regulations concerning the unequivocal description of hardness. Orig. art. has: 4 figures. [JPRS: 34,166]

SUB CODE: 20 / SUBM DATE: none <sup>b</sup> / ORIG REF: 003 / SOV REF: 004  
OTH REF: 009

Card 1/1 af

17/7 0.227

L 9892-66 EWT(1)/EWA(h)  
ACC NR: AP6000333

SOURCE CODE: UR/0286/65/000/021/0031/0031

INVENTOR: Gubanov, V. P.; Lambert, V. B.; Levelev, A. G.; Makushenko, V. M.; Makhlis, A. I.

ORG: none

TITLE: Dc electronic null indicator. [Announced by the Experimental Design Bureau of Precision Electronic Instrument Making (Opytno-konstruktorskoye byuro pretsizionnogo elektronnogo priborostroyeniya)]. Class 21, No. 176011

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 31

TOPIC TAGS: electronic indicator, null indicator, dc indicator

ABSTRACT: This Author Certificate introduces a dc electronic null indicator which consists of a dc-to-ac inverter with input, output, and modulating coils, an amplifier, a time selector, a difference detector, a balance modulator, and an indicating unit. To increase vibration stability and sensitivity, a sliding element made of a nonmagnetic current-conducting material is placed between the input and output coils of the inverter. The element interacts with the magnetic field of the input coil, the magnetic field in turn is proportional both to the measured current flowing through the coil and to the magnetic field of the modulating coil. The element induces periodic electrical oscillations in the output coil which are then passed to the amplifier input. Orig. art. has: 1 figure.

[JR]

SUB CODE: 09/ SUBM DATE: 17Sep63/ ATD PRESS: 4165

Card 1/1

UDC: 621.3.085.3.024

LAMBERSKIY, B.A.

U.S.S.R. / General Problems of Pathology. Tumors.

T-5

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7783

Author : Lamberskiy, B.A.

Inst :

Title : On the Precancerous State of the Larynx.

Orig Pub : Sb. Nauch. Tr. Krasnoyar. Med. In-t, 1955, No 4, 232-234

Abstract : No abstract.

Card : 1/1

LAMBERSKIY, O.G., professor; LUNKEVICH, A.M., starshiy nauchnyy sotrudnik

Streptomycin and PAS in the treatment of pulmonary tuberculosis  
[with summary in French]. Probl.tub. 35 no.1:19-24 '57. (MLRA 10:6)

1. Iz Moskovskogo gorodskogo nauchno-issledovatel'skogo tuberkulozno-gorodskogo instituta (dir. - kandidat meditsinskikh nauk V.F.Chernyshev, nauchnyy rukovoditel' - prof. V.L.Eynis).

(STREPTOMYCIN, ther. use  
tuberc., pulm., with PAS (Rus))  
(PARA-AMINOSALICYLIC ACID, ther. use  
tuberc., pulm., with streptomycin (Rus))

SOBIEN-KOPCZYNSKA, S.; LIPINSKA-PIOTROWSKA, I.; LAMBERT, I.; TOMCZYK, Z.

Lipoproteins in rheumatic disease in children. Pediat Pol 37 no.2:  
121-127 F '62.

1. Z I Kliniki Chorob Dzieci AM w Lodzi Kierownik Katedry: prof. dr  
med. Fr. Redlich Kierownik Kliniki: Doc. dr med. K. Sroczynski.

(LIPOPROTEINS blood)  
(RHEUMATIC FEVER blood)

ABRAMOVICH, D.G., assistant; LAMBERT, I.V., assistant

Primary pleural cancer. Zdrav.Bel. 8 no.2:62-63 F '62.  
(MIRA 15:11)  
1. Iz propedevticheskoy terapeuticheskoy kliniki (zav. - prof.  
I.D.Mishenin) i iz kliniki tuberkuleza (zav. - dotsent N.G.  
Belyy) Minskogo meditsinskogo instituta.  
(PLEURA--CANCER)

LAMBERT, J.; RAVCSÓI, I.

LAMBERT, J.; RAVCSÓY, I. Tasks in the development of the management of overhead expenses in light industry. p. 11.

Vol. 1C, No. 1, Jan. 1956.

TÖRTÉMELET.

TECHNOLGY

Budapest, Hungary

To: East European Accession, Vol. 5, No. 5, May 1956

LAMBERT, V., ing.

Basic notions of automatic adjustment. Metrologia apl 10 no.6:  
241-244 Je '63.

L AMBERT VALENTIN

RUMANIA / Chemical Technology. Chemical Products  
and Their Application. Control and Measuring H-3  
Devices. Automatic Regulation

Abs Jour : Ref. Zhur. - Khimiya, No 2, 1958, No 4925

Author : Lambert Valentin

Inst : Not Given

Title : Recalibration of Differential Manometers.

Orig Pub : Metrol. apl., 1957, No 2, 16-24

Abstract : Formulas and graphs are provided for recom-  
puting the scale of differential manometers on  
change in the parameters of the fluid being  
measured.

Card : 1/1

LAMBERT VALENTIN

RUMANIA/General Section - Metrology. Technique of Research

A-6

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5120

Author : Lambert Valentin

Inst : Not Given

Title : Measurements of Small Pressures with the Aid of Micromanometers  
with Inclined Tubes

Orig Pub : Metrol. apl., 1957, No 4, 27-30

Abstract : A description of the use of micromanometers with inclined tubes. The results obtained are discussed with allowance for the corrections introduced during the measurement.

Card : 1/1

RUMANIA/Chemical Technology. Chemical Products and Their Application. Instruments and Automation H-3

Abs Jour : Ref Zhur - Khim., 1958, No 24, No 81902

Author : Lambert V.

Inst

Title : Calibration and Checking of the Recording Concentratometer "Chlorator" Type for the Determination of O<sub>2</sub> Content in Water

Orig Pub : Metrol. apl. 1958, 5, No 1, 14-18

Abstract : Design arrangement, operating conditions, and method of calibration and checking of the depolarization type concentratometer "Chlorator" type used for the determination of O<sub>2</sub> concentration in water are presented. - Z. Khaimskiy

Card : 1/1

LAMBEIT, M.S.

AUTHORS: Starik, I. Ye., Lambet, M. S. 78-1-25/13

TITLE: The State of Micro Quantities of Promethium in Aqueous Solutions  
(Sostoyaniye mikrokolichestv prometiya v vodnykh rastvorakh).

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 1, pp. 136-138 (USSR).

ABSTRACT: Although  $\text{La}^{140}$  with pH = 6 and above that with filtrating, remains entirely on the paper filter, this fact cannot be considered as a serious criterion of the behavior of the radio-elements in the solution. Here the situation becomes doubtless complicated by the adsorption and there is no reason to speak of a mechanical retention of the "radicocolloids". Promethium, as referred to in the title, was to be investigated in the present report. It should be clarified in what pH-range promethium is in a colloidal state, further the degree of dispersion was to be estimated and the sign of the charge be determined. Micro-filtration was applied by means of which the colloidal state of the substance is immediately determined, electro-phoresis was applied for the determination of the sign of the charge of hydrolysed forms and the adsorption on quartz glass.  $\text{Pm}^{147}$  was investigated in the latter case from aqueous solutions with a concentration of approximately  $10^{-10}$  mol. The dependence of the Pm-filtration by cellophane and of the centrifugation

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The State of Micro Quantities of Promethium in Aqueous Solutions.

78-1-25/43

of Pm on the pH of the solution was investigated as function of this pH. Optically polished quartz disks of 32 mm diameter and 1 mm thickness served for this purpose. The disks were previously kept in water for a long time and subsequently dried with alcohol. 4 of such small glasses were rotated throughout 1 to 4 hours in 300 ml active solution at a velocity of 60 revolutions per minute. After an alcohol bath and subsequent drying, the activity was measured on both sides by means of a counter. The concentration of the solution remained unchanged before and after the test, changes of pH were insignificant. Tests with electro-phoresis had only a qualitative character, the method of the moving limit (reference 4) was applied. Particles of 30 to 40 m $\mu$  can be separated within 1 hour by centrifuging at 2500 to 2700 revolutions per minute. Separations of particles up to 1 m $\mu$  of size are achieved by ultrafiltration by means of cellophane. The combination of the two latter methods consequently makes it possible to carry out at least a rough quantitative determination of particles of various degrees of dispersion in solutions of the radio-elements. The results of adsorption of Pm on quartz glass are given in figure 1 (throughout 4 hours). With increasing pH of the solution, the adsorption increases up to pH = 6,2 in order to decrease at a further increase of pH. The dependence

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The State of Micro Quantities of Promethium in Aqueous Solutions .

78-1-25/43

of the  $\text{La}^{140}$ -adsorption on the pH of the solution with a concentration of  $10^{-12}$  mol for one hour is shown in figure 2. The course taken by the curve is equal in both cases. The results of ultrafiltration are shown in figure 3. The curves of adsorption and ultrafiltration rise parallel up to pH = 6. Then 80% of the promethium remains within the filter. The results are interpreted in such a way that the glass is negatively charged in the respective pH-range. Due to the presence of weakly acid groups S.OH and their dissociation in alkaline media glass will be still more negative up to a certain limit. Promethium is in ionic state up to pH + 3 and is not adsorbed on glass, most likely as a consequence of the competition of the hydrogen ions. Further, the hydrolysis increases with increasing pH by which multi-charge-aggregates can be formed (reference 5), the concentration of the hydrogen ions decreases and this results in an increased adsorption of the ions and of the products of hydrolysis of the promethium. After having attained the culminating point a further aggregation of the hydrolysed forms follows apparently. They become neutral or even negative with increasing pH. Electro-phoresis for pH = 5,3, 6,7 show that the principal mass of promethium is positively charged. No dislocation of Fm was observed with pH = 9 within the same period. Promethium cannot be centrifuged between pH = 5 to 8. The residue on the ultrafilter is apparently correlated

Card 3/4

The State of Micro Quantities of Promethium in Aqueous Solutions

78-1-25/43

with the formation of a proper solid phase of the hydrolysed forms of  
promethium.  
There are 3 figures, and 6 references, 2 of which are Slavic.

SUBMITTED: June 18, 1957.

AVAILABLE: Library of Congress.

Card 4/4

STARIK, I.Ye.; AMPELOGOVA, N.I.; GINZBURG, F.L.; LAMET, M.S.; SKUL'SKIY, I.A.;  
SHCHEBETKOVSKIY, V.N.

Molecular state of ultraminiute quantities of radioelements in  
solutions. Radiokhimia 1 no.4:370-378 '59. (MIRA 13:1)  
(Radioactive substances)

LAMBERT, M.S.; NIKOLAYEV, D.S.

Forms of uranium occurrence in waters of the Sea of Azov, some  
limans, and rivers of the Azov-Black Sea Basin. Dokl. Ak. SSSR  
142 no.3:681-682 Ja '62. (MIRA 15:1)

1. Predstavлено академиком Н.М.Страховым.  
(Azov Sea region--Uranium) (Black Sea region--Uranium)

LAMBIC, Ivan C., doc., dr (Beograd)

Clinical aspects and differential diagnosis of pulmonary embolism.  
Med. glas. 15 no.3:121-125 Mr '61.

(PULMONARY EMBOLISM)

YUGOSLAVIA

Recent Dr Ivan LIMBIC, (affiliation not stated), Belgrade,

"Clinical Significance of Serum Transaminase in Connective Tissue Diseases."

Belgrade, Medicinski Glasnik, Vol 14, No 1-12, Oct-Dec 1962; pp 143-147.

**Abstract:** Review of the literature and discussion of the role of serum transaminases in polyarthritis nodosa, scleroderma, rheumatic fever and rheumatoid arthritis, dermatomyositis, lupus. Of about 50 Western references, the great majority are U.S.

1/1

JOSIPOVIC, Vladan, dr.; LAMBIC, Ivan, dr.; LEVNTAL, Zdenko, dr.; BROGIC,  
Mladen, dr.

Four cases of lymphogranulomatosis with rare clinical picture. Med.  
pregl., Novi Sad 7 no.5:394-400 1954.

1. IV Interna klinika Medicinskog fakulteta - Beograd. Upravnik:  
prof. dr. C.Plavsic. Patolosko-anatomski institut Medicinskog  
fakulteta, Beograd. Upravnik: Prof. dr. K.Sahovic.  
(HODGKIN'S DISEASE, pathol.)

LAMBIC, Ivan S.; BOZIMOVIC, Ljubica S.

Localization of interlobar transudate during cardiac decompensation.  
Srp arhiv lekar 82 no.2:259-263 F '54. (EXAL 3:7)

1. IV Interna klinika Medicinskog fakulteta u Beogradu, upravnik:  
prof. dr. Cedomil Plavsic. (Rad je Urednistvo primilo 4-IL-1953  
god.) (CONGESTIVE HEART FAILURE, compl.

\*localized interlobar transudation)

(EXUDATES AND TRANSUDATES, in various dis.

\*localized interlobar transudation in congestive heart  
failure)

LAMBIC, Ivan S., asist. dr

Postural hypotension with syncope. Srpski arh.celok.lek. 87 no.  
10:1286-1292 Oct.54.

1. IV Interna klinika Medicinskog fakulteta u Beogradu. Upravnik:  
prof. dr. Cedomil Plavsic.

(HYPOTENSION,

orthostatic, with syncope)

(SYNCOPE,

in orthostatic hypotension)

LAMBIC, Ivan S. Dr.

Clinical aspects and treatment of emergency states in cardiology.  
Med. glasn. 9 no.5:174-178 May '55.

1. Iz Interna klinika Medicinskog fakulteta u Beogradu (upravnik  
prof. dr C. Plavsic)  
(HEARTH DISEASE,  
cardiac emergencies, clin. aspects & ther. (Ser))

DANILOVIC, V.; LAMBIC, I.; BOGDANOVIC, M.

Arterial blood pressure in bronchial asthma. Srpski arh. celok. lek.  
83 no.7-8:776-783 July-Aug 55.

1. III Interna klinika Medicinskog fakulteta u Beogradu. Upravnik:  
Aleksandar Radosavljevi. IV Interna klinika Medicinskog fakulteta u  
Beogradu. Upravnik: Cedomir Plavisic.

(ASTHMA, compl.

hypertension, incidence & clin. value (Ser))

(HYPERTENSION, compl.

asthma, incidence & clin. value (Ser))

LAMBIC, Ivan, S.

Subcutaneous administration of mercurial diuretics. Srpski  
arh. celok. lek. 83 no.10:1150-1156 Oct 55.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Cedomir Pavsic.  
(DIURETICS, MERCURIAL, admin.  
subcutaneous. (Ser))

DJURIC, Vukosava; LAMBIC, Ivan, S.

Acute cor pulmonale in acquired heart failure; diagnostical and anatomo-pathological confirmation with ECG. Srpski arh. celok. lek. 83 no.12:1483-1488 Dec 55.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Cedomir Plavsic.

(PULMONARY HEART DISEASES, etiol. & pathogen.

pulm. embolism, ECG (Ser))

(PULMONARY EMBOLISM AND THROMBOSIS, compl.  
heart dis. (Ser))

LAMBIC, Ivan

Ambulatory treatment of chronic arterial hypertension with  
pendiomide and with serpasil-pendiomide. Srpski arh. celok.  
lek. 85 no.3:343-348 Mar 57.

1. III Dom narodnog zdravlja -- Poliklinika Boris Krdric.  
Upravnik: prim. dr. Zagorka Berovic.

(HYPERTENSION, ther.

pendiomide alone & with reserpine in chronic arterial  
hypertension (Ser))

(AUTONOMIC DRUGS, ther. use

pendiomide in chronic arterial hypertension, alone &  
with reserpine (Ser))

(RESERPINE, ther. use

chronic arterial hypertension, with pendiomide (Ser))

LAMBIC, Ivan; FURJAN, Milan

Acute rheumatic myocardial changes in subacute bacterial endocarditis.  
Srpski arh. celok. lek. 85 no.5:604-608 Mar 57.

1. Interna klinika B Medicinskog fakulteta u Beogradu. Upravnik;  
Radivoj Berovic. Institut za patolosku anatomiju Medicinskog fakulteta  
u Beogradu. Upravnik: Marija Visnjic Frajnd.  
(ENDOCARDITIS, SUBACUTE BACTERIAL, compl,  
rhem. changes of myocardium (Ser))

(MYOCARDIUM, in var. dis.  
acute rheum. changes in subacute bact. endocarditis (Ser))

IAMBIC, Ivan; BOZINOVIC, Ljubica

Meningeal complications during subacute bacterial endocarditis. Srpski  
arh. celok. lek. 86 no.1:40-46 Jan 58.

1. Interna klinika B Medicinskog fakulteta u Beogradu Upravnik: prof.  
Radivoje Berovic.

(ENDOCARDITIS, SUBACUTE BACTERIAL, compl.  
meningeal (Ser))

(MENINGITIS, etiol. & pathogen.  
bact. subacute endocarditis (Ser))

DORDEVIC, B.; IAMBIC, I.

Cardiac changes during the course of acute and chronic pulmonary diseases. Higijena, Beogr. 11 no.2-3:208-225 '59.  
(PULMONARY HEART DISEASE)

NEDELJKOVIC, Sredko, dr.; ILIC, Milivoje, dr.; LAMBIC, Ivan, dr.; DORDEVIC,  
Bozidar, prof. dr.

Acute cardiac insufficiency during the course of acute myocardial  
infarct. Med. glasn. 13 no. 5:261-265 My '59.

1. Interna klinika B Medicinskog fakulteta u Beogradu, upravnik:  
prof. dr R. Berovic.  
(MYOCARDIAL INFARCT compl.)

DANILOVIC, Vojislav, prof. dr.; IAMBIC, Ivan, dr.

Normal and pathological histology of the glomerulus. Med.  
glasn. 13 no. 8-9: 398-402 Ag-S '59.  
(KIDNEYS anat. & histol.)  
(GLOMERULONEPHRITIS pathol.)

LAMBIC, Ivan S., dr.

Acute diffuse glomerulonephritis. Med. glasn. 13 no.8-9:416-449  
Ag-S '59.  
(GLMERULONEPHRITIS)

SIMIC-MAJSTOROVIC, Stana, dr; LAMBIC, Ivan, dr

Use of ecolid in arterial hypertension. Med. glasn. 13 no.10:  
516-517 0 '59.

1. Interna klinika B Medicinskog fakulteta u Beogradu, upravnik:  
prof. dr R. Berovic.  
(HYPERTENSION ther.)  
(AUTONOMIC DRUGS ther.)

DJORDJEVIC, Bozidar S., prof.dr.; LAMBIC, Ivan S., doc. dr.; LALIC, Milenko D., dr.

Heart and hypofunction and hyperfunction of the thyroid gland.  
Med. glasn. 14 no.2a:131-136 F '60.

1. Interna klinika B Medicinskog fakulteta u Beogradu, Upravnik:  
prof. dr R. Berovic.

(HYPERTHYROIDISM compl.)

(HYPOTHYROIDISM compl.)

(HEART DISEASE etiol.)

LAMBIC, Ivan S., dr., doc.

Arteriosclerotic myocardiopathy. Med. glasn. 15 no.9/10:363-367  
O '61.

1. Interna klinika "B" Medicinskog fakulteta[Univerziteta] u Beogradu  
(Upravnik: prof. dr R. Berovic); clan Uredivackog odbora, "Medicinski  
glasnik".

(CORONARY DISEASES)

DORDEVIC, B. S., dr, prof.; LAMBIC, I., dr, doc.; ATANACKOVIC, A., dr.:  
NEDELJKOVIC, S., dr.; STOJANOVIC, I., dr.

High "T" wave as an early electrocardiographic sign in acute myocardial  
infarct. Med. glasn. 15 no.9/10:394-397 O '61.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu  
(Upravnik: prof. dr R. Berovic) 2. Clanovi Uredivackog odbora,  
"Medicinski glasnik": (for Dordevic and Lambic).

(MYOCARDIAL INFARCT diag) (ELECTROCARDIOGRAPHY)

LAMBIC, Ivan S., doc., dr.

Acute non-specific myocarditis cured by tonsillectomy. Voj. san. preg.  
18 no.2:191-193 F '61.

1. Medicinski fakultet u Beogradu, Poliklinika "Boris Kidric".

(TONSILLECTOMY) (MYOCARDITIS surg.)

LAMBIC, Ivan, doc., dr.

Contribution to the clinical significance of ventricular extrasystole.  
Vojnosanit. pregl. 18 no.10:883-886 O '61.

1. Medicinski fakultet u Beogradu, Poliklinika Boris Kidric.

(ARRHYTHMIA case reports)

ATANACKOVIC, Ana; LAMBIC, Ivan; VASILIC, Momcilo; HRISTIC-SOJIC, Ljubica

Acute myocardial infarction with a negative and insufficiently manifest electrocardiographic picture. Srpski arh. celok. lek. 89 no.1: 87-91 Ja '61.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Radivoje Berovic. Institut za sudsku medicinu Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Julijana Bogicevic.

(MYOCARDIAL INFARCT diag) (ELECTROCARDIOGRAPHY)

LAMBIC, Ivan S.

Diagnostic value of ventricular extrasystole in detecting myocardial infarction. Srpski arh. celok. lek. 89 no.10:1165-1171 0 '61.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu  
Upravnik: prof. dr Radivoje Berovic.

(MYOCARDIAL INFARCT diag) (ELECTROCARDIOGRAPHY)

5

LAMBIC, Ivan, dr., doc. (Beograd)

Effect of prolonged prednisone therapy on the gastric mucosa.  
Med. glas. 16 no.10/12:440-442 O-D '62.

(PREDNISONE) (STOMACH)

KECMANOVIC, Zlatimir, dr., doc.; LAMBIC, Ivan, dr., doc.; NEDVIDEK,  
Boris, dr.; LOPICIC, Ljubica, dr.

Corneal changes following the administration of large doses  
of resochin. Med. glas. 16 no. 9-404-407 S '62.

1. Klinika za bolesti ociju Medicinskog fakulteta u Beogradu  
(Upravnik: prof. dr. I. Stankovic) III Dom zdravija "Boris  
Kidric" u Beogradu (Upravnik: prim. dr. Z. Berovic)  
(CHLOROQUINE) (CORNEA)

[ ] YUGOSLAVIA [ ]

Docent Dr Ivan LAMBIC [Affiliation not given.]

"Acute and Subacute Systemic Erythematoïd Lupus."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; pp 40-41.

Abstract : A synoptic outline of etiology, essential characteristics, pathology, clinical aspects. Stress on comparative validity of various tests.

[ ] 1/1 [ ]

LAMBIC, Ivan; LUKIC, Ljiljana; DURIC, Vukosava; DORDEVIC, Bozidar S.

Shoulder-hand syndrome in myocardial infarction. Srpski arh.  
celok. lek. 91 no.7:687-692 Jl-Ag'63.

1. Interna klinika B Medicinskog fakulteta Univerziteta u  
Beogradu. Upravnik: prof.dr. Radivoje Berovic.

\*

LAMBIC, Ivan; STOJIMIROVIC, Branislav

Coronary T wave in active athletes. Srpski arh. celok. lek. 91  
no.2:167-171 F'64.

1. Interna klinika B Medicinskog fakulteta Univerziteta u  
Beogradu (Upravnik: prof. dr. Radivoje Barovic).

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928510006-0

LAMBIC, I.S.

Syndrome lupus erythematoses and lysosomes. Srpaki ark. celick.  
lek. 92 no.12:1235-1236 b '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928510006-0"

IAMBIC, Ivan S., doc. dr.; STRANJAKAC, Dobrica, dr.

Dexamethasone in the treatment of lupus pericarditis. Beograd  
12 no.5:183-188 '65.

1. Interna klinika "B" Medicinske fakultete u Beogradu.

L 32790-66

ACC NR: AP6023771

SOURCE CODE: XU/0015/65/000/02-/0072/0072

AUTHOR: Lambic, Ivan (Docent; Doctor)

13

ORG: none

E

TITLE: New drugs

19

SOURCE: Medicinski glasnik, no. 2-3, 1965, 72

TOPIC TAGS: pharmacology, circulatory drug

ABSTRACT: Description of the pharmacology, indications, dosage, side effects and counterindications of bethanidine, the new antihypertensive drug bretylium, and guanethidine; chemical and physical, clinical and side effects data about indomethacin, the noncorticosteroid anti-inflammatory and antipyretic drug. Orig. art. has: 1 formula. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 MJS

0915

1596

LAMBIC, Ivan S.

Differential diagnosis of arthritis and connective tissue  
diseases. Reumatizam 13 no.1:1-9 '66.

1. Interna klinika "B" Medicinskog fakulteta u Beogradu.

## YUGOSLAVIA

LAMBIC, Ivan-C; Department B of Internal Medicine, Faculty of Medicine, University of Belgrade (Head: BRKIC, Djordje, Dr, prof.) (Intema klinika B Medicinskog fakulteta Univerziteta u Beogradu), Belgrade.

"Changes in the Heart and Kidneys in Systemic Lupus Erythematosus" Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 9, Sep '65, pp 819-822.

Abstract [Author's English summary modified]: Out of 32 patients suffering from SLE, 10 manifested clinical symptoms of pericarditis, gallop rhythm was noted in 2 cases, nonspecific ECG changes in the T-wave and ST segment were noted in 6 cases, ventricular extrasystoles in 3 cases, and A-V bloc I° in one case. Signs of hypertrophy of the left ventricle were noted in 2 cases and of pulmonary valve in one. All patients manifested changes in the kidneys. In four cases signs of proteinuria were noted in the urine, and in 19 cases hyposthenuria, proteinuria, erythruria, and cylindruria. Because of the administration of corticosteroids which have an anti-inflammatory action, the prognosis of the disease attacking the heart is not so bad. Changes in the kidneys represent a serious prognostic problem. The early administration of corticosteroids when there are no signs of azotaemia may have a good effect on stopping the evolution of the disease and prolonging the life of the patient. [Factual, "real"]

APPROVED FOR RELEASE: 06/20/2000  
ACC NR: AP6023781

CIA-RDP86-00513R000928510006-0

AUTHOR: Lambic, Ivan, S. (Docent; Doctor)

B

ORG: none

TITLE: New drugs

SOURCE: Medicinski glasnik, no. 4-5, 1965, 122-123

TOPIC TAGS: drug, pharmacology

ABSTRACT: Description of two new drugs, including the diuretic furosemide (Lasix, Hoechst) and isopyrine-phebazine (Tomanol, Byk-Gulden): pharmacologic and chemical-physical data, clinical trials, dosages, side effects, contraindications; structural formulae of the two components of the second drug. Orig. art. has: 2 formulas.

[JPRS]

SUB CODE: 06 / SUEM DATE: none

YUGOSLAVIA

Docent Dr Zlatimir KECMANOVIC, Docent Dr Ivan LAMVIC, Dr Boris NEDVIDEK and Dr Ljubica LOPIJCIC; Eye Clinic of Medical Faculty of University (Klinika za bolesti očiju Medicinskog fakulteta), Head (Upravnik) Prof Dr I. STANKOVIC; and Third Sanitarium (Dom zdravlja) "Boris Kidric," Head Primarius Dr Z. BEROVIC, Belgrade.

"Corneal Changes Following Prolonged Resochin Treatment."

Belgrade, Medicinski Glasnik, Vol 16, No 9, Sept 1962; pp 404-407.

Abstract: Discussion of the literature regarding the controversial deposits in the cornea following prolonged Resochin treatment, and review of 41 patients treated by authors (rheumatoid arthritis, systemic lupus and similar): only in 6 of these could any corneal changes be found, and symptoms were doubtful, elicited only upon specific questioning. One photograph of deposits, 22 Western references.

1/1

LAMBIC, I.S.

Atrioventricular block I. Med. glas. 19 no.4:120 Ap - My '65.

Paroxysmal ventricular tachycardia of the extrasystole type.  
Ibid.: 121

LAMBIC, T.

Conditions for the introduction of farm mechanization in Hercegovina.  
p. 486

POLJOPRIVREDNI PREGLED. (Drustvo poljoprivrednih inzenjera i tehnicara  
Bosna i Hercegovine) Sarajevo, Yugoslavia. Vol. 7, no. 11/12, Nov./  
Dec. 1958

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 6  
June 1959  
Uncl.

LAMBIEV, D.

<i>(25)</i> <i>(25)</i>	<p>Soviet, British, French, American Books, Vol 4, No 4, 1981</p> <ol style="list-style-type: none"> <li>1. Certain Conditions Under Which the Intervention in the USSR of Proletarian Dictatorship in Practical Structure, A. Andreev, G. Andreev, A. Andreev and G. Andreev (In Russian with English abstract), pp 31-32.</li> <li>2. On Antisoviet Distribution of Estates During Sr. Interregnum, N. Repnin, A. Ljubimov and G. Pechatnikov, In: Soviet with English summary, p 32-33.</li> <li>3. Effect of the Arab Nationalist on the Temperature Dependence of Self-Adhesive Polyvinyl Chloride Coatings, A. Tsvetkov et al, Izmer. i tehnika (In English, also Russian summary), p 37-40.</li> <li>4. On the Creation of a Particularized Elastomerized Polymer of Two Components, V. V. Chuprov, S. S. Baskin (In English with Russian summary), p 37-38.</li> <li>5. The Absorption of Various Polymers by Certain Compounds, Selections in the Textbook of Chemistry, V. V. Kabanov, G. V. Kabanov, I. F. Kabanov, and D. V. Kabanov (In English with Russian summary), p 38-39.</li> <li>6. The Effect of Benzyl Alcohol on the Rate of Polymerization of Acrylic Acid, D. V. Kabanov, D. V. Kabanov, G. V. Kabanov (In English with Russian summary), p 39-40.</li> <li>7. Plastic Stability by Way of the Activation of Adhesive Agents, A. Andreev, G. Andreev, G. Pechatnikov (In English with Russian summary), p 39-42.</li> <li>8. On Factors in the Choice of Components of Bonded Rubber During Research, M. A. Gulyamova, G. S. Slobodchikov (In English with Russian abstract), p 43-44.</li> <li>9. Preparation of the Catalyst for Polymerization of Styrene Monomerically During Encapsulated Polymerization, A. Andreev, G. Andreev (In English with Russian abstract), p 45-46.</li> <li>10. On the Influence of Chemical Environment and the Application Factors of the Thermotropic Active Materials, B. S. Slobodchikov, G. S. Slobodchikov and N. V. Slobodchikova (In English with Russian summary), p 47-48.</li> <li>11. On Separable Interactions and the Colloid State of the Solid, A. Frezon, L. V. Vaynshteyn, E. Kurnikova (In English with Russian abstract), p 49-50.</li> </ol>
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MIREV, D.; BALAREW, Chr. [Balarev, Khr.]; BOJADZIEV, L. [Boiadzhiev, L.];  
LAMBIEV, D.

Absorbtion in vibrating layer of nitric oxide solution of  
carbonic acid. Doklady BAN 14 no.4:345-348 '61.

1. Vorgelegt von Akademiemitglied D. Ivanoff [D. Ivanov].

LAMBIEV, D.

Running gravimetric reduction testing of metallic oxides with  
carbon oxides. Doklady BAN 17 no.1:61-64 '64

1. Vorgelegt von Akademiemitglied D. Ivanoff [Ivanov, D.]

LAMBIEV, D.; KOURCHATOV, M. [Kurchatov, M.]

Method of studying metal oxide reduction with carbon  
oxide permitting automatic plotting of kinetic curves.  
Doklady BAN 17 no.2:129-132 '64.

1. Institute of General and Inorganic Chemistry at the  
Bulgarian Academy of Sciences. Submitted by Academician  
D.Ivanoff [Ivanov, D.], Member of the Board of Editors,  
"Doklady Bolgarskoy akademii nauk".

LAMBIEV, N.; KELCHATOV, K.S.

Influence of briquetting on the reduction velocity of cupric oxide by carbon monoxide and hydrogen at low temperatures.  
Doklady BAN 17 no. 4: 570-576 '64.

N. Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences, Prilisivenskaa 6, 8000 Sofia.

LAMBIYEV, D. [Lambiev, D.]; KURCHATOV, M.S.

Thermogravimetric study of the reduction of cupric oxides by carbon monoxide or hydrogen. Doklady BAN 17 no. 3:729-732 '64.

1. Institute of General and Inorganic Chemistry of the Bulgarian Academy of Sciences, Sofia. Predstavleno akad. D. Ivanovym.

LAMBIEV, Dimitur, inzh.; PASKALEV, Nikolai

Obtaining the low-carbon iron powder through the reduction of charcoal ashes. Tekhnika Bulg 11 no.5:192-194 '62.

MIREV, Dimitur, prof. d-r [deceased]; BALAREV, Khr.; BOIADZHIEV, L.;  
LAMBIEV, D.

Absorption in a vibrating layer. Pt. 2. Izv Inst khim BAN no.8:  
83-101 '61.

LAMEIEV, KH.

"Plasticity of rubber in rubber mixtures and methods for its determination."

p. 14, (Leka Promishlenost, Vol. 6, no. 12, 1957, Sofiia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

LAMBIEV, Khr.; NIKOLINSKI, P.; MLADENOV, Iv.; KONSTANTINOVA, El.

On the behavior of hydrogenated thallium oil in rubber mixtures.  
Godishnik khim tekh 6 no.1:45-62 '59 (Publ. '60)

GERASIMOV,M., prof.; LAMBIEV,Khr., inzh.; BEKCIAROVA, El.

Studies of some new varieties of heat-swelling agents for the  
factory production of reclaims. Khim i industriia 35 no.3:  
90-95 '63.

1. Chlen na Redaktsionnata kolegiia, "Khimiia i industriia"  
(for Gerasimov).

NEDIALKOVA, K.; LAMBIEV, Khr.; KOSTOVA, M.; IANAKIEV, V.

Studies of certain factors influencing physical and mechanical properties of the highly-filled latex paste used for condensers in the canning industry. Khim i industriia 35 no.4:147-150 '63.

LAMBEV, Mih.; KARALOV, I.

A combined adhesive for hot rubber laminating and binding, based  
on chlorinated rubber. Khim i promst 96 no.6:203-206 '64.

I. Scientific Research Institute of the Rubber and Plastic  
Industries, Sofia.

LAMBIN, A.Z.

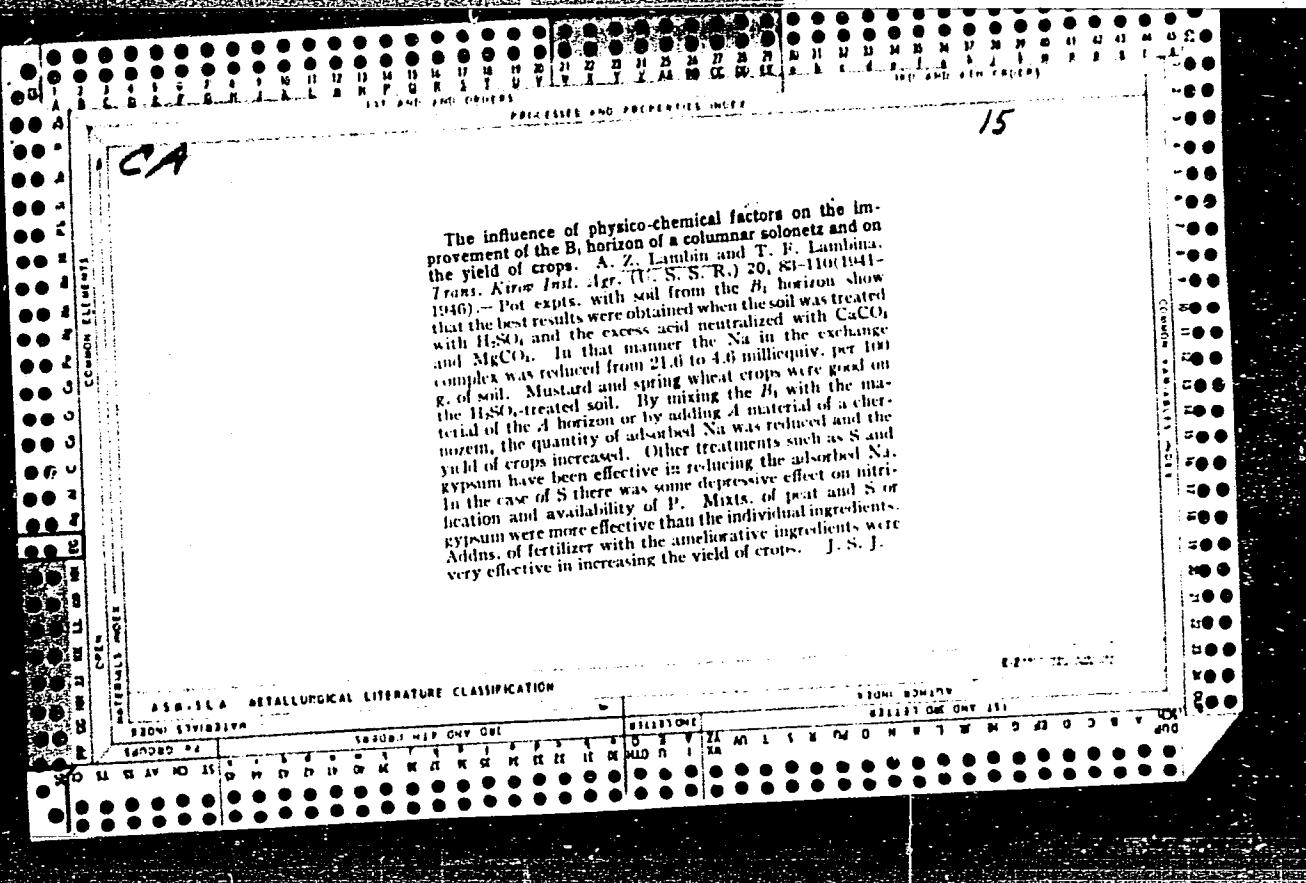
LAMBIN, A.Z. Microcells as factors of high crop yield. Omsk. 1938 p. 169-214

**Acidification and liming of soils as factors affecting the yields of plants.** A. Z. Lambin and T. F. Lambina  
*Trudy Omskogo Sel'skokhoz. Inst.* 4/17, 34-55 (1940).  
*Khim. Referat. Zhur.* 1940, No. 8, 48.—Addn. of various amounts of  $H_2SO_4$ , citric acid and tartaric acid intensified the nitrification process in chernozem soils and suppressed it in decompr. soils; increased the amt. of  $P_2O_5$  sol. in water and in citric acid in both soils, increased the amt. of N and Ca and decreased that of  $P_2O_5$  in wheat grains, increased the mobility of  $R_2O_3$  and the dispersion in decompr. soils, decreased the amts. of adsorbed Ca and Mg in chernozem soils, but did not decrease them in decompr. soils. By liming, the nitrification processes were intensified to a greater degree than by acidification (more so in chernozem than in decompr. soils). The amt. of  $P_2O_5$  sol. in citric acid decreased in chernozem soils with the increase of the lime dose (but its amt. remained higher than in the control) and increased in decompr. soils. On adding lime simultaneously with N-P-K fertilizers the amt. of  $P_2O_5$  sol. in citric acid was greater in all cases than on adding N-P-K fertilizers alone. Liming increased the content of Ca and decreased the percentage of N and  $P_2O_5$  in wheat grains. Addn. of lime to chernozem and decompr. soils increased the yield of wheat to a greater degree than did the addn. of acid under the same conditions. W. R. Henn.

**ASH SEA - RETAIL ELECTRICAL LITERATURE CLASSIFICATION**

**APPROVED FOR RELEASE: 06/20/2000**

CIA-RDP86-00513R000928510006-0"



LAMBIN, A.Z.

✓ Effect of presowing treatment of seeds with solutions of trace elements on the crop of agricultural plants. A.Z. Lambin (S. M. Kirov Agr. Inst., Omsk). *Mikroelementy v Zemni Rastenii i Zhivotnykh, Akad. Nauk S.S.R., Trudy Konf., Mikroelementy*, 1950, 381-390 (1952).—Introduction into podzolic soil or chernozem of N-P-K fertilizer along with Cu, Zn, Mn sulfates at 0-10 mg. per kg. of soil, as well as  $\text{SrCl}_2$  and  $\text{HgCl}_2$  at 2.5-5 mg. per kg., raised the crop yield of wheat, poppy, mustard, flax, and mushrooms, with increases ranging upward of 45%. Seed pretreatment with the above trace elements in similar concns. for 6-12 hrs. also aided crop yield, general plant growth, and the content of fats and oils in the oil-bearing plants. For wheat grain the best seed treatment is treatment with 6-12 mg.  $\text{H}_2\text{BO}_4$  or 10-20 mg. mixed trace elements per l. of soln. for 6-12 hrs. Mixed trace elements gave better results than individual metals. Trace elements stimulate the activity of wheat peroxidase and catalase, which are paralleled by crop yields. Over 30 references. G. M. Kosolapoff

Л и м б и т , А . З

BARSUKOV, N.I., kand.sel'skokhozyaystvennykh nauk; KIZYURIN, A.D., doktor sel'skokhozyaystvennykh nauk; BORINEVICH, V.A., kand.sel'skokhozyaystvennykh nauk; BORMUSOVA, S.N., agronom; VERMEHICHESVA, M.D., kand. sel'skokhozyaystvennykh nauk; GESHELE, Z.E., doktor biol. nauk; GOROKHOV, G.I., kand.sel'skokhozyaystvennykh nauk; GUBKIN, S.M., kand. veterinarnykh nauk; YELYKOVA, L.I., kand.sel'skokhozyaystvennykh nauk; KOTT, S.V., doktor biol. nauk; KOCHKINA, V.A., agronom; LAMBIN, A.Z., doktor biol.nauk; LEBEDEVA, Ye.M., agronom; MATROKOVSEKIY, A.Ya., doktor sel'skokhozyaystvennykh nauk; MAYBORODA, N.M., kand. sel'skokhozyaystvennykh nauk; MAYDANYUK, A.E., zootehnik; OVSYANNIKOV, G.Ye., kand.sel'skokhozyaystvennykh nauk; PETROV, F.A., kand.biol.nauk; POGORELOV, P.F., agronom; POLKOSHNIKOV, M.G., dotsent; REINARD, G.K., kand. sel'skokhozyaystvennykh nauk; RUCHKIN, V.N., prof.; SADYRIN, M.M., kand.sel'skokhozyaystvennykh nauk; TOBOL'SKIY, V.YA., vetvrach; TYAZHEL'NIKOV, S.J., kand.sel'skokhozyaystvennykh nauk; UKHIN, I.I., kand.sel'skokhozyaystvennykh nauk; FEDOROV, G.V., kand.sel'skokhozyaystvennykh nauk; CHIRKOV, D.I., zootehnik; TSINGOVATOV, V.A., prof.; SHVETSOVA, A.N., kand.sel'skokhozyaystvennykh nauk; SHEVLYAGIN, A.I., kand.sel'skokhozyaystvennykh nauk; SHMBNOVSKIY, A.A., red.; GOLUBINSKAYA, Ye.S., red.; NECHAYEVA, Ye.G., red.; PARASYPKINA, Z.D., tekhnicheskiy red.

[Siberian agronomist's reference manual] Spravochnaya kniga agronoma Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry, Vol.2. 1957. 839 p.  
(Siberia--Agriculture) (MIRA 11:3)

L A M B I N A . Z.

AFANAS'YEVA, A.L., kand.biol.nauk; BAYERTUYEV, A.A., kand.sel'skokhozyaystvennykh nauk; BAL'CHUGOV, A.V., kand.sel'skokhozyaystvennykh nauk; BELOZEROV, N.A., agronom; BELOZOROV, A.T., kand.sel'skokhozyaystvennykh nauk; MAKSIMENKO, V.P., agronom; BERNIKOV, V.V., doktor sel'skokhozyaystvennykh nauk; BOGOMYAGKOV, S.T., kand.sel'skokhozyaystvennykh nauk; VOLYNETS, O.S., agronom; BODROV, M.S., kand.sel'skokhozyaystvennykh nauk; BOGOSLAVSKIY, V.P., kand.tekhn.nauk; KHRUPPA, I.F., kand.sel'skokhozyaystvennykh nauk; VERNER, A.R., doktor biol.nauk; VOZBUTSKAYA, A.Ye., kand.sel'skokhozyaystvennykh nauk; VOINOV, P.A., kand.sel'skokhozyaystvennykh nauk; VYSOKOS, G.P., kand.biol.nauk; GALDIN, M.V., inzhener-mekhanik; GERASIMOV, S.A., kand.tekhn.nauk; GORSHENIN, K.P., doktor sel'skokhozyaystvennykh nauk; YELEMEV, A.V., inzhener-mekhanik; GERASKEVICH, S.V., mekanik [deceased]; ZHARIKOVA, L.D., kand.sel'skokhozyaystvennykh nauk; ZHEGALOV, I.S., kand.tekhn.nauk; ZIMINA, Ye.A., agronom; BARAILOV, V.V., kand.tekhn.nauk; PAVLOV, V.D.; IVANOV, V.K., kand.sel'skokhozyaystvennykh nauk; KAPLAN, S.M., kand.sel'skokhozyaystvennykh nauk; KATIN-YARTSEV, L.V., kand.sel'skokhozyaystvennykh nauk; KOPYRIN, V.I., doktor sel'skokhozyaystvennykh nauk; KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk; KOZHENVNIKOV, A.R., kand.sel'skokhozyaystvennykh nauk; KUZNETSOV, I.N., kand.sel'skokhozyaystvennykh nauk; LAMBIN, A.Z., doktor biol.nauk; LEONT'LEV, S.I., kand.sel'skokhozyaystvennykh nauk; MAYBORODA, N.M., kand.sel'skokhozyaystvennykh nauk; MAKAROVA, G.I., kand.sel'skokhozyaystvennykh nauk; MEL'NIKOV, G.A., inzhener; ZHDANOV, B.A., kand.sel'skokhozyaystvennykh nauk; MIKHAYLENKO, M.A., kand.sel'skokhozyaystvennykh nauk; MAGILEVTSEVA, N.A., kand.sel'skokhozyaystvennykh nauk;

(Continued on next card)

AFANAS'YEVA, A.L.... (continued) Card 2.

NIKIFOROV, P.Ye., kand.sel'skokhozyaystvennykh nauk; NEFASHEV, N.I., lesoved; PERVUSHINA, A.N., agronom; PLOTNIKOV, N.A., kand.biol.nauk; L.G.; kand.sel'skokhozyaystvennykh nauk; PAVLOV, V.D., kand.tekhn. nauk; PRUTSKOVA, M.G., kand.sel'skokhozyaystvennykh nauk; GURCHENKO, V.S., agronom; POPOVA, G.I., kand. sel'skokhozyaystvennykh nauk; PORTYANKO, A.F., agronom; RUCHKIN, V.N., prof.; RUSHKOVSKIY, T.V., agronom; SAVITSKIY, M.S., kand.sel'skokhozyaystvennykh nauk; BOLDIN, D.T., agronom; NESTEROVA, A.V., agronom; SERAFIMOVICH, L.B., kand. tekhn.nauk; SMIRNOV, I.N., kand.sel'skokhozyaystvennykh nauk; SEREBRYANSKAYA, P.I., kand.tekhn.nauk; TOKHTUYEV, A.V., kand. sel'skokhozyaystvennykh nauk; FAL'KO, O.S., iznh.; FEDYUSHIN, A.V., doktor biol.nauk; SHEVLYAGIN, A.I., kand.sel'skokhozyaystvennykh nauk; YUFEROV, V.A., kand.sel'skokhozyaystvennykh nauk; YAKHTENFEL'D, P.A., kand.sel'skokhozyaystvennykh nauk; SEMENOVSKIY, A.A., red.; GOR'KOVA, Z.D., tekhn.red.

[Handbook for Siberian agriculturists] Spravochnaya kniga agronoma Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol.1. 1957. 964 p.  
(Siberia--Agriculture) (MIRA 11:2)

Country : USSR

Category : Cultivated Plants. Cereals. Leguminous Plants.  
Tropical Cereals. II

Abs Jour : RZhBiol., No 6, 1959, No 24838

Author : Lambin, A. Z.

Inst : Omsk Agricultural Institute.

Title : The Corn Harvest, Depending upon the Application  
of Organic and Mineral Fertilizers.

Orig Pub : Tr. Omskogo s.-kh. in-ta, 1957, 22, No. 1,  
103-110

Abstract : Experiments on the introduction of fertilizers  
and the treatment of corn seeds with microfer-  
tilizers were accompanied by biochemical analy-  
ses; in the harvest, the activity of oxidizing  
fermentative agents, the quantity of chlorophyll,  
total sugar, total N of raw protein were determi-  
ned. The introduction of organic and mineral fer-  
tilizers, increasing the harvest of the green

Card : 1/3

Country : USSR

Category : Cultivated Plants. Cereals. Leguminous Plants.  
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24838

Author :

Inst :

Title :

Orig Pub :

Abstract : mass, stimulated the activity of the ferments and increased the accumulation of sugar and N in the leaves. The pre-sowing treatment of the seeds by Bo, Mo, Co or by a mixture of the micro-elements was the most effective. The introduction of manure plus P<sub>2</sub>O<sub>5</sub>, 40 kg/ha, insured a harvest of the green mass of 200 c/ha, in comparison with the controls without fertilization of 158 c/ha.

Card : 2/3

42

Country : USSR

Category : Cultivated Plants. Cereals. Leguminous Plants.  
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24838

Author :

Inst :

Title :

Orig Pub :

Abstract : The green-mass harvest, on a background of NPK,  
from untreated seeds consisted of 138 c/ha; from  
seeds, treated with a mixture of microelements,  
402 c/ha. -- O. V. Yakushkina

Card : 3/3

LAMBIN, L.N.; YARMOLENKO, N.N. [IArmolenka, N.N.]

Method for constructing multicomponent system diagrams. Vestsi AN  
BSSR. Ser. fiz.-tekhn. nav. no.2:10-16 '58. (MIRA 11:10)  
(Systems (Chemistry))

YERMOLENKO, N.N., kand.tekhn.nauk; LAMBIN, L.N., inzh.; KAPRANOVA, N.V.,  
red.

[Method for drawing diagrams representing multicomponent systems  
and using it in the synthesis of new glasses] Metod postroenia  
diagramm mnogokomponentnykh sistem i ispol'zovanie ego pri sinteze  
novykh stekol. Minsk, Redaktsionno-issl. otdel BPI im. I.V. Stalina,  
1959. 34 p. (MIRA 13:7)

(Glass manufacture--Chemistry)

16(2)

SOV/80-32-3-14/43

AUTHORS: Lambin, L.N., Yermolenko, N.N.

TITLE: A Method for the Plotting of Diagrams for Multi-Component Systems  
(Metod postroyeniya diagramm mnogokomponentnykh sistem)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 3, pp 548-556  
(USSR)

ABSTRACT: The state of simple and multi-component systems is studied in the technology of chemistry by means of diagrams. The graphical plotting of the results of investigations permits the development of new compounds and to predict their chemical and physical properties. A quaternary system may be described by a tetrahedron [Ref 1] in the summit of which the pure components A, B, C, and D are located (Figure 1). Every point located within the tetrahedron corresponds to a certain composition of the quaternary system. There are several methods for the representation of five- and six-component systems. The components may be represented by points and the content of the corresponding substances plotted on the axis x, y, z, and t (Figure 3). This method is used by Academician N.S. Kurnakov and his school for the representation of multi-component aqueous systems, but

Card 1/2

SOV/80-32-3-14/43

A Method for the Plotting of Diagrams for Multi-Component Systems

for use in chemical technology it is too cumbersome. In [Ref 3] a point in a four-dimensional space may be represented by the vector  $p'p''$  (Figure 4). Anosov proposed the "method of spiral coordinates" [Ref 5-7]. Radishchev used the points of a multi-dimensional simplex and projected this simplex on several projection planes, the number of which is determined by the number of components. M.V. Lomonosov developed two methods which are now antiquated. A six-component system may be represented by the axonometry of a five-dimensional simplex. In such a diagram sections may be made which correspond to the values of one of the components (Figure 11). A plane diagram without the conceptions of multi-dimensional geometry is also an axonometry of the simplex  $S(6)$  (Figure 12). There are 13 diagrams and 17 references, 15 of which are Soviet and 2 German.

SUBMITTED: July 25, 1957

Card 2/2

PHASE I BOOK EXPLOITATION 507/4136

- Minsk. Belorusskij politehnicheskiy institut  
Khakasy i khimicheskaya tekhnologiya silitaticheskikh materialov (Chemical and the  
Chemical Technology of Silicate Materials) Minsk. Pedagog. izdat. 1972. Izdat.  
1,000 copies printed.
- Editorial Board: N. A. Baburov (Rep. Ed.) Academician, Academy of Sciences USSR,  
L. A. Chumak, Candidate of Technical Sciences, Yu. M. Terent'ev, Candidate of  
Technical Sciences, P. F. Mikhalevich, Candidate of Technical Sciences;  
Rep. Ed. for this issue: Ju. A. Chumak; Ed.: N. V. Klymenko; Tech. Ed.: P. T.  
Kartashov.
- PURPOSE: This book is intended for chemists and technicians interested in the  
physicochemical properties and the production of glass.
- CONTENTS: The collection contains 20 articles which give data on the synthesis  
and physicochemical properties of various widely used and some experimental  
glass compositions. Amorphous property and phase diagrams of glass compositions.
1. Baburov, N. A., V. D. Tsvetkov, Candidate of Technical Sciences and Yu. M. Terent'ev, Candidate of  
Technical Sciences and Yu. Z. Norkova. Properties, Light Refractivity  
and Crystallization Capacity of Glasses Found in Some Sections of the  
System  $\text{Na}_2\text{O}-\text{CaO}-\text{MgO}-\text{SiO}_2$  29
  2. Basalyay, L. Yu., and A. F. Zelenin, Candidate of Technical Sciences.  
Synthesis and Study of the Properties of Glasses of High Clay and Low  
Alumina Content 53
  3. Basmashov, Yu. D. Investigation of Some Properties of Glass in the  
System  $\text{Li}_2\text{O}-\text{BaO}-\text{Na}_2\text{O}-\text{SiO}_2$  2
  4. Baburov, N. A., M. M. Terent'ev and L. A. Chumak. Candidates of  
Technical Sciences and Yu. Z. Norkova. Structure, Light Refractivity  
and Crystallization Capacity of Glasses Found in Some Sections of the  
 $\text{Na}_2\text{O}-\text{CaO}-\text{MgO}-\text{SiO}_2$  2
  5. Basalyay, L. Yu., and A. F. Zelenin, Candidate of Technical Sciences.  
Synthesis and Study of the Properties of Glasses of High Clay and Low  
Alumina Content 53
  6. Basmashov, Yu. D. Investigation of Some Properties of Glass in the  
System  $\text{Li}_2\text{O}-\text{BaO}-\text{Na}_2\text{O}-\text{SiO}_2$  2
  7. Chumak, L. A., A. M. Krypdyr, and Yu. Z. Norkova. Experiment in  
Production of Glass Crystal Material from Easily Melting Silica-  
russian Clays 79
  8. Chumak, L. A., and Yu. Z. Norkova. Development of Compositions  
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  9. Chumak, L. A., and Yu. M. Terent'ev. Development of Compositions  
for Reinforced Glass 94
  10. Chumak, L. A., Yu. Z. Norkova, and O. G. Korotchenko. The Effect of  
Individual Components and Some Additives on the Process of Forming  
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  11. Korotchenko, O. G., Candidate of Technical Sciences. Study of Crystal-  
lization in Glasses Produced From Easily Melting Clays 112
  12. Chumak, L. A., Yu. Z. Norkova, and O. G. Korotchenko. Graphical Method of  
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Sciences. The Possibility of Producing Porous Materials From  
Various Russian Clays 126
  15. Mikhalevich, P. F., Terent'ev, and L. A. Basalyay. Factory Test:  
of an Experimental Sugar Composition 137
  16. Chumak, L. A., Candidate of Technical Sciences and Yu. M. Norkov and  
O. G. Ponomar', Editors. The Effect of Temperature and Interaction  
of Air on Melting Separation During Casting and on the Properties  
of a Ceramic Body 138

LAMBIN, L.N.; KAPRANOVA, N.V., red.

[Ways of representing multicomponent reciprocal systems]  
Sposoby izobrazheniya mnogokomponentnykh vzaimnykh sistem.  
Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V.Stalina,  
1960. 15 p. (MIRA 14:3)  
(Systems (Chemistry))

LAMBIN, L.N.; BLYUM, A.G., red.

[Theory of completeness and metric determinacy of representations  
of multidimensional objects] Teoriia polnosti i metricheskoi  
opredelennosti izobrazheniya mnogomernykh ob"ektov. Minsk,  
Redaktsionno-izd.otdel HPI im. I.V.Stalina, 1960. 21 p.  
(MIRA 14:4)

(Geometry, Projective)

YERMOLENKO, N.N., kand.tekhn.nauk; LAMBIN, L.N., inzh.

Graphic method of the conversion of glass composition from  
gravimetric to molar percentages and vice versa. Sbor.  
nauch. trud. Bel. politekh. inst. no.82:116-119 '60. (MIRA 15:5)  
(Glass research—Graphic methods)

LAMBIN, N. V.

P-9712

Otryvnoe obtekhanie reshetki iz lozanykh profilei. (Prikladnaia matematika i mekhanika, 1944, v. 8, no. 4, p. 187-200)

Summary in English.

Title tr.: Discontinuous flow around a grid of broken profiles.

QU801.P7 1944

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress,  
1955

IAMDIN, N. V.

"Disrupted Circulation Around an Isolated Profile which is Close to Rectilinears,"  
Doklady Akademii Nauk SSSR, Vol IV, No 6 1947 (485-486).  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

LAMBINÉ, N. V.

AMR

Aerodynamics of Flight,  
Wind Tunnel Experiments

324. N. V. Lambiné, "Flow with separation along an isolated profile of almost rectilinear form (Le mouvement d'un courant avec détachement suivant un profil isolé de forme à peu près rectiligne)," C. R. Acad. Sc. U.R.S.S., Feb. 28, 1947, vol. 55, no. 6, pp. 481-483.

The problem treated by the author in this paper was suggested by a study of L. Prandtl on the theory of propellers operating under conditions of flow separation. It deals with potential flow about slightly curved profiles of zero thickness at angles of attack associated with flow separation at the leading and trailing edges. For these conditions the author investigates, theoretically, profile shapes which give a maximum lift-drag ratio at any given angle of attack. The problem is approached by application of a conformal transformation of Levi-Civita. Three cases are worked out numerically. Results show that a concave curvature of the profile increases the lift-drag ratio. Frank L. Wattendorf, USA

Mar

LAMBING, N. V.

PA 8T33

USSR/Flow, Fluid  
Profiles

Feb 1947

"The Movement of a Fluid Around an Isolated Profile  
of Almost Rectilinear Form," N. V. Lambing, 3 pp

"CR Acad Sci" Vol LV, No 6

Mathematical study of the flow of a fluid around  
a profile and of subsequent detachment of the  
fluid from the surface in question.

8T33

Lambin, N. V. On essentially singular points with a finite number of topologically distinct asymptotic values different from zero or infinity. Doklady Akad. Nauk SSSR (N.S.) 67, 605-606 (1949). (Russian)

The writer asserts, without giving proofs, that starting from the method of decomposition of the neighborhood of an essential singularity into characteristic regions, the following theorem can be proved [his method, and the particular case of the theorem corresponding to  $n=1$ , is given in C. R. (Doklady) Acad. Sci. URSS (N.S.) 25, 467-469 (1939); these Rev. 2, 81]. If  $f(z)$  is holomorphic, uniform, if  $f'(z)$  and  $f''(z)$  are different from zero in the neighborhood of infinity, and if, for  $z \rightarrow \infty$ , the number of topologically distinct asymptotic paths, with values distinct from zero and infinity, is finite and equal to  $n$ , then  $f(z) = C \exp \left( \int_a^b R(t) e^{wt} dt \right)$ , where  $R(t)$  is a rational function and  $w(t)$  admits  $\infty$  as a pole of order  $n$ . For instance, if  $f(z)$  is an entire function with  $f'(z)=0$  and  $f''(z)=0$  (each) only at a finite number of points, then, with the same hypothesis on asymptotic paths, one has the same representation of the function with  $w(t)$  a polynomial of degree  $n$ .

S. Mandelbrojt (Paris).

Source: Mathematical Reviews,

Vol. 11 No. 3

LAMBIN, N.Y.

Lambin, N. V., Solution of some boundary problems by  
the method of symmetry. Akad. Nauk SSSR. Prikl.  
Mat. Meh. 14, 611-618 (1950). (Russian)

Etant donné une surface de Riemann  $Q$ , supposons qu'il existe une représentation conforme  $z^* = f(z)$  de  $Q$  en lui-même, laissant invariant un ensemble  $C$  connexe (ne se réduisant pas à un point unique). L'auteur appelle  $Q$  surface de symétrie de  $C$ ; les points  $z^*$  et  $z$  sont symétriques par rapport à  $C$ . Cette propriété de  $C$  et de  $Q$  est invariante relativement à toute représentation conforme de  $Q$  sur  $Q$ . Des raisonnements voisins de ceux (classiques) de Schwarz, lont corrépondre à une courbe analytique régulière  $C$  une surface  $Q$ . [Exemple: Si  $C$  est une droite,  $Q$  est le plan complexe.] Ces notions permettent une interprétation élégante d'un problème aux limites de la physique mathématique (ultraplans): Soit  $C$  (analytique) qui partage le plan  $z$  en deux domaines  $D_1$  et  $D_2$ ; dans  $D_i$  ( $i=1, 2$ ) on construit, au moyen de la fonction analytique  $w_i(z)$ , un champ plan de vecteurs, admettant dans  $D_i$  des singularités données; le long de  $C$  les composantes normales des deux champs sont égales, alors que les composantes tangentielles subissent des discontinuités. À titre d'exemple, l'auteur étudie le cas où  $C$  est une ellipse.

J. Kraschenko (Grenoble).

Vol. 12 No. 7

Source: Mathematical Reviews.

LAMBIN, N.Y.

Magnetic field of a ferromagnet with a cylindrical hollow in it.  
Vestsi AN BSSR no.4:150-154 J1-Ag '52.  
(Electromagnetism) (MLRA 7:8)

LAMBIN, N. V.

Among the papers presented by the First All-Union Conference on Aerohydrodynamics (8-13 Dec 1952) convened by the Institute of Mechanics, Academy of Sciences USSR, was:

"Spillway in a Two-Layer Medium" by Lambin, N. V.

SO: Izvestiya AN USSR, Otdeleniye Tekhnicheskikh Nauk, No. 6, Moscow,  
June 1953, (W-30662, 12 July 1954)

Lambin, N. V.

2

Lambin, N. V. Poles of  $\Sigma$ -monogenic functions. Belo-  
ussk. Gos. Univ. Uč. Zap. Ser. Fiz.-Mat. 15 (1953),  
7-13. (Russian)

The author describes the topological character of poles  
of sigma-monogenic functions [L. Bers and A. Gelbart,  
Trans. Amer. Math. Soc. 56 (1944), 67-93; MR 6, 86].  
The result is included in the more general theory of  
pseudoanalytic functions [L. Bers Proc. Nat. Acad. Sci.  
U.S.A. 36 (1950), 130-136; MR 12, 173]. L. Bers

Math 1-FW

Some  
MT

Lambin, N. V.

Lambin, N. V. On singular points of sigma-monogenic functions connected with an axially symmetric magnetic problem. Belorussk. Gos. Univ. Uč. Zap. Ser. Fiz.-Mat. 19 (1954), 27-31. (Russian)

Lambin, N. V. Reduction of an axially symmetric magnetic problem to finding  $\Sigma$ -monogenic functions. Belorussk. Gos. Univ. Uč. Zap. Ser. Fiz.-Mat. 15 (1953), 14-17. (Russian)

The equations considered are those of a rotationally symmetric incompressible flow in three dimensions. The author notes that these equations define sigma-monogenic functions and discusses two singular solutions.

L. Bers (New York, N.Y.)

1-FW

2  
Physics  
Math  
Aero Sci?

SNM  
MT

SUBJECT USSR/MATHEMATICS/Geometry CARD 1/1 PG - 533  
AUTHOR LAMBIN N.V.  
TITLE Symmetry lines of multiply connected Riemannian surfaces.  
PERIODICAL Uspechi mat.Nauk 11, 5, 84-85 (1956)  
reviewed 1/1957

Joining his earlier paper (Priklad.Mat.Mech. 14, 6, (1950)), in which the author has constructed all symmetry lines in a simply connected Riemannian surface, in the present paper the author gives a theorem without proof. This theorem shall lead to the solution of the corresponding problem for multiply connected Riemannian surfaces.

INSTITUTION: Minsk.

SOV/44-58-4-2871

Translation from: Referativnyy zhurnal, Matematika, 1958,  
Nr 4, p 52 (USSR)

AUTHOR: Lambin, N.V.

TITLE: Construction of Analytic Functions With a Previously Defined Topological Net (Postroyeniye analiticheskikh funktsiy s navedenym zadannym topologicheskoy set'yu)

PERIODICAL: Uch. zap. Belorussk. un-t, 1957, Nr 32, pp 63-94

ABSTRACT: The concept of a topological net belonging to a given analytic function in the region D plays a fundamental role in this article. In general outline, the construction of a topological net is as follows: the region D is divided into a collection of nonoverlapping regions  $T_i$  (called by the author regions of characteristic type), bounded by a finite number of contour lines of  $|f(z)|$  and  $\arg f(z)$  which do not accumulate in the neighborhood of an interior point of the region; the

Card 1/3